REMARKS

Claims 1-24 are now present in this application.

The specification and claims 8, 12, 14-16, 20, 22 and 23 have been amended, and claim 24 has been presented. Reconsideration of the application, as amended, is respectfully requested.

Information Disclosure Statement

An Information Disclosure Statement is being filed concurrently herewith. It is respectfully requested that the Examiner confirm his consideration of the documents cited therein by returning an initialed PTO/SB/08 to the undersigned with the next action.

Amendments to the Claims

Claims 8 and 16 have been amended to recite that "the holder has a side wall extended away from the disc-shaped color filter disk." Support for this limitation can be found in originally filed Figs. 3A-3D, 5, 6A and 6B. Accordingly, it is respectfully submitted that the foregoing amendments do not contain new matter.

Objections to the Claims

Claim 16 stands objected to for an informality. In view of the foregoing amendments, it is respectfully submitted that this informality has been addressed. Reconsideration and withdrawal of any objection to the claims are respectfully requested.

Rejection under 35 USC 103

Claims 8-15 stand rejected under 35 USC 103 as being unpatentable over Han, U.S. Patent 6,731,588, in view of Hung, U.S. Patent 6,747,803. This rejection is respectfully traversed.

Claims 8-14 and 16-22 stand rejected under 35 USC 103 as being unpatentable over Hung in view of Goodrich et al., U.S. Patent 3,696,688. This rejection is respectfully traversed.

Claims 15 and 23 stand rejected under 35 USC 103 as being unpatentable over Hung in view of Goodrich et al., and further in view of Han. This rejection is respectfully traversed.

Independent claims 8 and 16 recite (emphasis added):

> 8. An anti-vibration apparatus applied in a rotating disk of an image display system for eliminating unbalance of the rotating disk, comprising:
>
> a motor for providing rotation power;
>
> a spindle housed in the motor and coupled with the rotating disk for transmitting the rotation power to drive the rotating disk;
>
> **a holder having a side wall extended away from the rotating disk;**
>
> a curable fluid contained in the holder; and
>
> a predetermined amount of spheres placed in the holder;
>
> wherein when the motor drives the rotating disk to rotate, **the fluid and the spheres filled within the holder of the rotating disk naturally flow to the peripheral side of the holder under a vibration force and are distributed in such a way as to balance the rotating disk, and the fluid is then cured after balance of the rotating disk is attained.**

> 16. A color wheel module applied in an image display system for modulating the color of an incident light, comprising:
>
> a motor for providing rotation power;
>
> a disc-shaped color filter disk with a plurality of thin film color filters being driven to rotate by the motor for alternately modulating the color of the incident light;
>
> **a holder formed on the disc-shaped color filter disk and having a side wall extended away from the disc-shaped color filter disk;**

> a curable fluid contained in the holder; and
> a plurality of spheres placed in the holder;
> wherein when the motor drives the disc-shaped color filter disk to rotate, the fluid and the spheres filled within the holder of the color wheel naturally flow to the peripheral side of the holder under a vibration force and are distributed in such a way as to balance the disc-shaped color filter disk, and the fluid is then cured after balance of the color wheel module is attained.

In Han, a disk player is disclosed. The disk player comprises a motor 100, a spindle 130, a holder 200, a plurality of spheres 271 and fluid 272. The fluid 272, contained in the holder 200, serves as a lubricant to reduce friction between the spheres 271 and the inner surface of the holder 200. Han discloses a fluid 272 to reduce friction instead of a curable fluid which is cured to fix the spheres. In Hung, the UV glue is taught to be filled into an annular groove 116. However, **if one were to combine the UV glue of Han into Hung, a reduction in friction would not be achieved.** In other words, there is no motivation to combine Han with Hung et al.. This rejection is based on a hindsight analysis of the Applicant's claims as opposed to being based on what the prior art actually teaches.

Additionally, the disk player of Han and the image display system of the present application are in different technical fields. The fluid disclosed by Han keeps the spheres rotating, in order to maintain a balance. This differs from the present application, i.e., in the present application, a curable fluid is cured to fix the spheres after the balance of the rotating disk is attained. Goodrich fails to overcome the above-noted deficiencies of Han.

In Hung, the color wheel comprises a motor (2), a spindle, a rotating disk (12), a holder (11) and a curable fluid (UV fluid). The holder (11) has a groove (116) filled with curable fluid so that the unbalanced color wheel (1) can be balanced. **Hung fails to teach that the holder has a side wall which extends away from the disc-shaped color filter disk,** as is recited in

independent claims 8 and 16 of the present application. **Goodrich also fails to teach that the holder has a side wall extended away from the disc-shaped color filter disk**, as is recited in independent claims 8 and 16.

Additionally, in Goodrich, the liquid silicone (21) is filled to have a damping effect on the movement of the spheres (20). This differs from the present application, in that the curable fluid is cured to fix the spheres after balance of the rotating disk is attained.

Claims 23 and 24 of the present application sets forth similar limitations, in which the sphere will be fixed after the balance of the color wheel module is attained and the curable fluid will be cured after the balance of the color wheel module is attained, respectively. Therefore, the above-noted arguments can also be applied to these claims.

In view of the foregoing amendments and remarks, it is respectfully submitted that the prior art utilized by the Examiner fails to teach or suggest the anti-vibration apparatus, anti-vibration module applied in an image display system, and color wheel modules of independent claims 8, 16, 23 and 24 of the present application, as well as their dependent claims. Reconsideration and withdrawal of the 35 USC 103 rejections are respectfully requested.

Conclusion

Favorable reconsideration and an early Notice of Allowance are earnestly solicited.

Because the additional prior art cited by the Examiner has been included merely to show the state of the prior art and has not been utilized to reject the claims, no further comments concerning these documents are considered necessary at this time.

In the event that any outstanding matters remain in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

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